Investigation Title: Utilization of Skylab (EREP) System for
                        Appraising Changes in Continental Migra-
                        tory Bird Habitat.

EREP Investigation No.   486

Period Covered: July 1974

NASA Contract No.   T-4114B

Principal Investigations Management Office:

                        Lyndon B. Johnson Space Center
                        Houston, Texas   77058

Technical Monitor Name: Mr. R. E. Joosten

Principal Investigator and sponsoring institution name:

                        Mr. Harvey K. Nelson
                        Northern Prairie Wildlife Research Center
                        U. S. Fish and Wildlife Service
                        Jamestown, North Dakota   58401

Type of Report: Monthly Progress

Overall Status:

Water recognition maps and statistics for one aircraft transect flown
on each of two dates, 12 May 1973 and 12 August 1973, were generated.
Signatures for the aircraft transect of 12 August were developed and
analyzed. We are now planning to process S-192 data based upon these
experiences with aircraft data.

Recommendations for Action:

Our planning will be facilitated if a tentative or firm delivery schedule
for S-192 tapes of test site 866323 (observation of 12 June 1973) can
be provided at an early date.

Expected Accomplishments During the Reporting Period:

Some analysis of processed data will continue; however, no new major
tasks are to be undertaken until such time as S-192 CDT's are received.

Significant Results:

None to report.

Summary Outlook:

The processing of EREP S-192 data remains a major effort still to be undertaken as part of this investigation. Plans and schedules are being held in abeyance pending the production and delivery of CCT's.

Travel Summary and Outlook:

No travel is contemplated during this next reporting period.